

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	213	347/130.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L3	499	347/129.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L4	200	347/233.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L5	252	347/234.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L6	437	347/238.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:48
L7	166	347/132.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:49
L8	371	347/237.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:49
L9	342	347/247.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:49
L10	2095	(L2 or L3 or L4 or L5 or L6 or L7 or L8 or L9)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 10:52
L11	289	L10 and (delay\$2 same (time or timing) same signal)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:40
L12	30	(US-20030117478-\$ or US-20040008247-\$ or US-20040090515-\$).did. or (US-4318597-\$ or US-4435064-\$ or US-4524372-\$ or US-4571602-\$ or US-4575739-\$ or US-4589745-\$ or US-4707716-\$ or US-4888603-\$ or US-4900283-\$ or US-4916530-\$ or US-5235348-\$ or US-5237347-\$ or US-5258629-\$ or US-5260718-\$ or US-5274394-\$ or US-5453777-\$ or US-5684620-\$ or US-5914744-\$ or US-6002420-\$ or US-6215511-\$ or US-6246429-\$ or US-6466245-\$ or US-6525752-\$ or US-6559879-\$ or US-6563526-\$ or US-6757075-\$).did. or (JP-2004082583-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/09/16 09:43

L13	15	12 and timing	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/16 09:47
L14	101	347/130.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 10:02
L15	182	347/247.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L16	173	347/129.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L17	26	347/233.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L18	9	347/234.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L19	203	347/238.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L20	74	347/132.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L21	309	347/237.ccls.	EPO; JPO; DERWENT	OR	ON	2005/09/16 09:49
L27	8	(L2 or L6 or L7 or L8) and (((lee or led or (light adj emit\$4)) same timing same (drive or driving) same (chip or circuit))".clm")	US-PGPUB	OR	ON	2005/09/16 10:55
S1	1	US-20040090515-A1.did.	US-PGPUB; USPAT	OR	ON	2004/06/25 14:53
S2	190	347/130.ccls.	US-PGPUB; USPAT	OR	ON	2004/06/25 16:18
S3	11	("4524372"   "4774634"   "4821051"   "4866108"   "5177500"   "5261156"   "5617131"   "5670826"   "5780162"   "6108210"   "6281450").PN.	USPAT	OR	ON	2004/06/25 14:57
S4	4	("4435064"   "5260718"   "5655189"   "5751327").PN.	USPAT	OR	ON	2004/06/25 14:59
S5	69	"4435064".URPN.	USPAT	OR	ON	2004/06/25 15:01
S6	9	("3824604"   "3836917"   "4090206"   "4096486"   "4107687"   "4279483"   "4297022"   "4318597"   "4364064").PN.	USPAT	OR	ON	2004/06/25 15:02
S7	0	"6466245".URPN.	USPAT	OR	ON	2004/06/25 15:07
S8	6	("5023442"   "5329403"   "5444520"   "5886728"   "5896162"   "6025863").PN.	USPAT	OR	ON	2004/06/25 15:08
S9	309	347/238.ccls. not 347/130.ccls.	US-PGPUB; USPAT	OR	ON	2004/06/25 18:30

S11	17	Matsushiro-Nobuhito.in.	US-PGPUB; USPAT	OR	ON	2004/06/25 16:21
S12	2	Watanabe-Kazuyo.in.	US-PGPUB; USPAT	OR	ON	2004/06/25 16:21
S13	0	oki.as. and (led with array with stagger)	US-PGPUB; USPAT	OR	ON	2004/06/25 16:22
S14	3	oki.as. and (led and stagger)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:43
S15	36	S9 and stagger\$2	US-PGPUB; USPAT	OR	ON	2004/06/25 17:37
S16	8	"5258629".URPN.	USPAT	OR	ON	2004/06/25 16:30
S17	7	("4605944"   "4707716"   "4721977"   "4951098"   "5134340"   "5138337"   "5138338").PN.	USPAT	OR	ON	2004/06/25 16:31
S18	7	"4707716".URPN.	USPAT	OR	ON	2004/06/25 16:32
S19	5	("3930912"   "3974514"   "4080617"   "4184170"   "4495514").PN.	USPAT	OR	ON	2004/06/25 16:32
S20	5	"4888603".URPN.	USPAT	OR	ON	2004/06/25 16:35
S21	2	("4763142"   "4797694").PN.	USPAT	OR	ON	2004/06/25 16:36
S22	14	"4575739".URPN.	USPAT	OR	ON	2004/06/25 16:39
S23	6	("4575739"   "4912491"   "5040003"   "5274394"   "5585836"   "5719680").PN.	USPAT	OR	ON	2004/06/25 16:49
S24	1	"6215511".URPN.	USPAT	OR	ON	2004/06/25 16:50
S25	5	("4675696"   "6042213"   "6215511"   "6312099"   "6426765").PN.	USPAT	OR	ON	2004/06/25 16:50
S26	273	S9 not S15	US-PGPUB; USPAT	OR	ON	2004/06/25 17:37
S27	7	("5357351"   "5517318"   "5717451"   "5812176"   "5920646"   "6014453"   "6025858"   "2001/0002139").PN.	USPAT	OR	ON	2004/06/25 17:42
S28	389	347/129.ccls. not (347/238.ccls. or 347/130.ccls.)	US-PGPUB; USPAT	OR	ON	2004/06/25 18:31
S29	132	347/233.ccls. not (347/129.ccls. or 347/238.ccls. or 347/130.ccls.)	US-PGPUB; USPAT	OR	ON	2004/06/25 18:31
S30	191	347/234.ccls. not (347/233.ccls. or 347/129.ccls. or 347/238.ccls. or 347/130.ccls.)	US-PGPUB; USPAT	OR	ON	2004/06/25 18:31
S31	671	(347/111-170.ccls. or 347/224-264.ccls.) and ((led or (light adj emit\$4)) with head)	US-PGPUB; USPAT	OR	ON	2005/01/05 17:36

S32	16	S31 and seiko.as.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:07
S33	92	(347/111-170.ccls. or 347/224-264.ccls.) and (((led or (light adj emit\$4)) with head) same (stagger\$2 or overlap\$4 or deviat\$4))	US-PGPUB; USPAT	OR	ON	2005/01/04 13:17
S34	320	(347/111-170.ccls. or 347/224-264.ccls.) and (((led or (light adj emit\$4)) with head) and (stagger\$2 or overlap\$4 or deviat\$4))	US-PGPUB; USPAT	OR	ON	2005/01/04 13:17
S35	228	S34 not S33	US-PGPUB; USPAT	OR	ON	2005/01/04 13:17
S36	14	("5274394").URPN.	USPAT	OR	ON	2005/01/04 13:19
S37	13	("4746941"   "4750010"   "4873537"   "4903048"   "5025322"   "5040003"   "5111217"   "5126759"   "5200765"   "5245355"   "5255013"   "5274394"   "5410414").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 13:26
S38	14	("5274394").URPN.	USPAT	OR	ON	2005/01/04 13:26
S39	7	("4435064"   "4525729"   "4571602"   "4575739"   "4589745"   "4897639"   "4952951").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 13:27
S40	7	("4589745").URPN.	USPAT	OR	ON	2005/01/04 15:50
S41	11	("4090206"   "4096486"   "4198158"   "4229086"   "4318597"   "4378149"   "4435064"   "4447126"   "4455100"   "4455562"   "4455578").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/04 15:51
S42	28	("4318597").URPN.	USPAT	OR	ON	2005/01/04 15:52
S43	7	("4589745").URPN.	USPAT	OR	ON	2005/01/05 17:18
S45	230	(347/111-170.ccls. or 347/224-264.ccls.) and ((led or (light adj emit\$4)) with head) and ((driver or driving) adj (circuit or chip))	US-PGPUB; USPAT	OR	ON	2005/01/05 17:39
S46	71	S45 and (led adj chip)	US-PGPUB; USPAT	OR	ON	2005/01/05 17:43
S47	11	("4524372"   "4774634"   "4821051"   "4866108"   "5177500"   "5261156"   "5617131"   "5670826"   "5780162"   "6108210"   "6281450").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/05 18:00

S49	87	(347/129.ccls. or 347/130.ccls. or 347/233.ccls. or 347/234.ccls. or 347/238.ccls.) and @pd>="20040625"	US-PGPUB; USPAT	OR	ON	2005/01/06 11:50
S50	25	(US-20030117478-\$ or US-20040090515-\$).did. or (US-4318597-\$ or US-4435064-\$ or US-4524372-\$ or US-4571602-\$ or US-4575739-\$ or US-4589745-\$ or US-4707716-\$ or US-4888603-\$ or US-4900283-\$ or US-4916530-\$ or US-5235348-\$ or US-5237347-\$ or US-5258629-\$ or US-5260718-\$ or US-5274394-\$ or US-5684620-\$ or US-6002420-\$ or US-6215511-\$ or US-6246429-\$ or US-6466245-\$ or US-6525752-\$ or US-6559879-\$ or US-6563526-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/14 15:46
S51	13	S50 and delay\$2	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:46
S53	213	347/130.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:50
S54	499	347/129.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S55	200	347/233.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S56	252	347/234.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S57	437	347/238.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S58	166	347/132.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S59	371	347/237.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S60	342	347/247.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:51
S61	2095	(S53 or S54 or S55 or S56 or S57 or S58 or S59 or S60)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:52

S62	289	S61 and (delay\$2 same (time or timing) same signal)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:52
S63	86	S62 and overlap\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:54
S64	203	S62 not S63	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:54
S65	213	347/130.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 11:27
S66	499	347/129.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S67	200	347/233.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S68	252	347/234.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S69	437	347/238.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S70	166	347/132.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S71	371	347/237.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S72	342	347/247.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S73	2095	(S65 or S66 or S67 or S68 or S69 or S70 or S71 or S72)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S74	289	S73 and (delay\$2 same (time or timing) same signal)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S75	86	S74 and overlap\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:53
S76	203	S74 not S75	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:33
S77	724	S73 and (image same density)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:54

S78	11205	347/111-170.ccls. or 347/224-264.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:53
S79	3105	S78 and (image same density)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:54
S81	4	Watanabe-Kazuyo.in.	US-PGPUB; USPAT	OR	ON	2005/09/15 10:05
S82	19	Matsushiro-Nobuhito.in.	US-PGPUB; USPAT	OR	ON	2005/09/15 10:05
S83	1	(S81 or S82) and (image same density same (non\$1uniform\$3 or ununiform\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:58
S84	42	S73 and (image same density same (non\$1uniform\$3 or ununiform\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 09:58
S85	151	S78 and (image same density same (non\$1uniform\$3 or ununiform\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:36
S86	75	Matsushiro-Nobuhito.in.	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:07
S87	4	S86 and density	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:07
S88	16	Watabe-Kazuyo.in.	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:09
S89	1	S88 and density	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:09
S90	2	jp-2004082583-\$.did.	EPO; JPO; DERWENT	OR	ON	2005/09/15 10:11
S91	7	("4589745").URPN.	USPAT	OR	ON	2005/09/15 10:17
S92	207	(led or (light adj emit\$4)) same luminous\$3 same (ununiform or non\$1uniform or deviat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 11:25
S93	2	S92 and S73	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:35
S94	2	S92 and S78 not S73	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:36
S95	109	S85 not S84	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:36
S97	2402	(led or (light adj emit\$4)) same (ununiform or non\$1uniform)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:52

S98	463	S97 and head	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:52
S99	66	S97 and ((print\$3 or writ\$3) with head)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:52
S10 0	51	(led or (light adj emit\$4)) same luminous\$3 same (ununiform or non\$1uniform)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 11:26
S10 1	591	oki.as. and (led or (light adj emit\$4))	US-PGPUB; USPAT	OR	ON	2005/09/15 11:43
S10 2	30	S101 and (non\$1uniform\$3 or ununiform\$3)	US-PGPUB; USPAT	OR	ON	2005/09/15 12:17
S10 3	410	S66 not S65	US-PGPUB; USPAT	OR	ON	2005/09/15 12:25
S10 4	7	("5588072"   "5790165"   "6015385"   "6038342"   "6181825"   "6522350"   "6631207").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 12:19
S10 5	184	S67 not (S66 or S65)	US-PGPUB; USPAT	OR	ON	2005/09/15 12:29
S10 6	230	S68 not (S67 or S66 or S65)	US-PGPUB; USPAT	OR	ON	2005/09/15 13:25
S10 7	16	("5294944"   "6052205"   "6108501"   "6157797"   "6222566"   "6256461"   "6263178"   "6269228"   "6292641"   "6459816"   "6493011"   "6496677"   "6507674"   "6519052"   "6556707"   "6571071").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 12:48
S10 8	4	("5070345"   "5988790"   "6190001"   "6206502").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 12:51
S10 9	7	("4739416"   "4751522"   "4801950"   "4814886"   "4878063"   "5274394"   "5291248").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 12:53
S11 0	20	("5453777").URPN.	USPAT	OR	ON	2005/09/15 12:54
S11 1	344	S69 not (S68 or S67 or S66 or S65)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 13:33
S11 2	5	"4888603".URPN.	USPAT	OR	ON	2005/09/15 13:32
S11 3	130	S70 not (S69 or S68 or S67 or S66 or S65)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 13:36



S11 4	245	S71 not (S70 or S69 or S68 or S67 or S66 or S65)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 13:40
S11 5	246	S72 not (S71 or S70 or S69 or S68 or S67 or S66 or S65)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 13:40